Forest Insect & Disease Management

REPORT NO.
79-3-39

AERIAL DETECTION SURVEY OF FOREST INSECT AND
DISEASE ACTIVITY, ANDREW PICKENS RANGER DISTRICT
SUMTER NATIONAL FOREST

LAND OWNERSHIP OR SURVEY AREA: Andrew Pickens Ranger District, Sumter National Forest

STATE: South Carolina

AREA WITHIN SURVEY BOUNDARY: 128,740 Acres

DATE: August 3, 1979

PERCENT COVERAGE: 50%

AIRCRAFT: Cessna 172

CREW: Robert Bassett (Aerial Survey Team; Bob Allen & Jack Carter (Andrew Pickens Ranger District)

SURVEY OBJECTIVES

To detect infestations of southern pine beetle.

SURVEY RESULTS

Heavy concentrations of southern pine beetle infestations were sighted in the vicinity of Jumping Branch Fire (see map). Other spots of dying pines were scattered over the District (see map).

CONCLUSIONS

The southern pine beetle population is increasing on the Andrew Pickens Ranger District. A biological evaluation is in progress by the Asheville Field Office.

For any additional information, contact

Forest Insect & Disease Management Unit - S&PF
USFS - Southeastern Area

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Table 1 - Summary of Aerial Survey Data - Andrew Pickens Ranger District, South Carolina, August 3, 1979.

Percent coverage	Infestation Size (# Trees)									
	5-20		20-50		51-100		100+		Total	
	Spots	Trees	Spots	Trees	Spots	Trees	Spots	Trees	Spots	Trees
50 Percent[1/]	12	185	4	205	2	100	--	--	18	490
100% Jumpking Branch Fire and vicinity	7	85	3	130	3	300	2	400	15	915
Total									33	1405

1/ Based on flight lines two miles apart and 1/2 mile viewing strip on each side of aircraft.